Firmware Updates on January 30, 2015

Overview:

a) Flight controller firmware updated to v3.10.
b) DJI Phantom Assistant updated to v3.8.
c) DJI VISION App updated to iOS v1.0.46, Android v1.0.56.
d) DJI Phantom 2 Vision+ FC200 firmware updated to v1.3.0.

Major New Features

a) No-Fly Zones updated to include a 25km radius in Washington, DC.
b) The iOS VISION app is compatible with iOS 8.0. The Android VISION app is compatible with Android 5.0.
c) GPS Signal Notice added to the VISION app. The VISION app will display a pop-up tip when attempting to takeoff without a sufficient GPS signal.
d) Rear LED display added to the VISION app to show the aircraft's current flight status.
e) Upgrade Range Extender option added to the VISION app (iOS). When upgraded, it is possible to use a mobile device's data network to access internet functions while connected to the Phantom.
f) Ability to view and download manuals and new manual notices added to the VISION app.
g) The latest DJI Phantom 2 Vision+ FC200 firmware fixes the issue of the camera failing to start in some cases.
h) The latest DJI Phantom 2 Vision+ FC200 firmware adds the ability to modify the filename prefix of photos if using the DJI SDK.
i) "Upgrade All" function added to the DJI Phantom Assistant.
j) When the aircraft is landing automatically, users can control the aircraft's position and altitude. During this period, the max ascent speed is 1 m/s.
k) Users can start the motors to take off immediately after the motors have stopped following auto landing.

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Firmware Updates on November 28, 2014

Overview:

a) Central board firmware updated to v1.0.2.10.

Major New Features

a) Fixed potential gimbal issues that may arise when the remote controller signal is lost.
b) Improved the communication between the smart flight battery and the Phantom.
c) Fixed issues in communication between the smart flight battery (V2.0) and the compass.

Firmware Updates on October 31, 2014

Overview:

a) DJI Smart Battery firmware updated to v2.6.
b) DJI Phantom Assistant updated to v3.6.

Major New Features

a) Battery cell warning added to the VISION app that alerts users if battery issues are detected. Browse battery cell warning history in the VISION app.
b) New auto-discharging feature to address to address the swelling problem of fully charged battery when it is stored for an extended period. The auto-discharging function will start automatically if the battery does not operate in 10 days.
c) Battery cell damages detection feature added.
d) New battery cell balancing feature to extend battery life.

Special Notes:

a) Update DJI Smart Battery firmware to v2.6 through Phantom Assistant v3.6.
b) The new battery firmware v2.6.0.0 does not support battery with loader of v1.3.0.0 or firmware of v1.6.0.0.

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Firmware Updates on October 28, 2014

Overview:

a) Flight controller firmware updated to v3.08.
b) Central board firmware updated to v1.0.2.7.
c) 3-axial gimbal firmware updated to v1.0.0.6.
d) DJI Phantom Assistant updated to v3.4.
e) DJI Vision App updated to iOS v1.0.43, Android v1.0.54.

Major New Features

a) Dynamic home point: when using a GPS-enabled mobile device and running the VISION app, the Home Point will automatically be reset to the location of the device every 2 seconds during flight.
b) Ability to change the Return to Home altitude added to the VISION app (ability to change this setting in the Assistant software remains).
c) Maximum operating area, based on remaining battery power and current settings, can now be displayed on the ground station map view. This area automatically expands or contracts when new flight plans are set.
d) The aircraft's current longitude and latitude will be displayed on the VISION app's radar. When using ground station, the longitude and latitude of each waypoint is also displayed as they are set.
e) New pre-flight checklist that reminds users of important considerations before flying added.
f) Battery cell warning added to the VISION app that alerts users if battery issues are detected. Browse battery cell warning history in the VISION app.
g) To address the issue of fully charged battery swelled when it was stored for an extended period.
h) Battery cell damages detection feature added.
i) New battery cell balancing feature to extend battery life.
j) Maximum descent speed set to 0.6m/s when the aircraft's altitude is less than 10m and descending automatically (for example in failsafe mode). The maximum speed of descent remains 2m/s in other flight conditions.
k) Propulsion system performance enhancements.
l) German, French and Japanese language support added to the VISION app.

Special Notes:

a) The dynamic home point is only available when using GPS-enabled mobile devices. Your aircraft will not be able to record a dynamic home point if you are using a mobile device without a GPS module (e.g. iPod).

Firmware Updates on July 29, 2014

Overview:

a) Flight controller firmware updated to v3.06.
b) Central board firmware updated to v1.0.1.32.
c) DJI Vision App updated to iOS v1.0.42 and Android v1.0.52.
d) Phantom 2 PC Assistant updated to v3.2.

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Flight Controller - Major New Features:

a) Added two levels of battery warnings: Low Battery Level Warning and Critical Battery Level Warning. When enabled, Auto Go Home will be activated if the battery level reaches a Low Battery Level Warning. Setup these warnings using either the DJI Phantom Assistant or DJI Vision App.
b) When the battery level reaches a Critical Battery Level Warning, the aircraft will automatically land. The motors will power off after landing.
c) The speed of descent will be automatically adjusted based on current altitude.
d) Minimum adjustable height limit set to 20m.
e) Magnetic declination value stored to improve flight course accuracy.
f) Various bug fixes.

DJI Vision App - Major New Features:

a) The current battery level can now be viewed real-time through the DJI Vision App, via a battery level indicator bar near the top of the screen.
b) “Hotline” feature for easy access to post-sales supports.
c) “Compass Calibration” feature added.
d) “Low Battery Auto Go Home” feature added.

Phantom 2 PC Assistant - Major New Features:

a) Added Japanese as a supported language.

Firmware Updates on July 01, 2014

Overview:

a) Central board firmware updated to: v1.0.1.31.

Major New Features:

a) Fixed iOSD compatibility issues.

Special Notes:

a) Ensure flight controller firmware has been updated to the latest version (v3.04) before you start to update the central board firmware.

Firmware Updates on June 26, 2014

Overview:

a) Central board firmware updated to: v1.0.1.30.

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b) User manual updated to: v1.2.

Major New Features:

a) Fixed issue of Phantom Vision+ gimbal and H3-3D gimbal shaking involuntarily when powering on.

Firmware Updates on June 24, 2014

Overview:

a) DJI Vision App updated to iOS v1.0.41 and Android v1.0.50.

Major New Features:

a) Ground Station support:
- Plan missions of up to 16 waypoints.
- "Go Home" function.
- Flight safety protection:
  - 3.1 miles (5 km) flight distance limit.
  - Ground station disabled when battery level is below 30%.
  - 1640 feet (500 m) flight radius based on HOME point, 656 feet (200 m) altitude restriction.

Special Notes:

a) Upgrade flight controller firmware to the latest version (v3.04) by using Phantom Assistant to enable ground station feature.

Firmware Updates on May 21, 2014

Overview:

a) Flight controller firmware updated to: v3.04.

Major New Features:

a) Stability when carrying heavy payloads improved.
b) Flight restriction database updated.

Firmware Updates on April 30, 2014

Overview:

a) Central board firmware updated to: v1.0.1.27.

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Major New Features:

a) Stability when carrying heavy payloads improved. Maximum descent speed restricted to 2m/s.

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